

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (original) A switch for regulating the substrate potential of an integrated circuit comprising:

- a first control input coupled to a first N-well bias supply line;
- a second control input coupled to a substrate bias supply line;
- a switched terminal coupled to a ground;
- a switched terminal coupled to said substrate bias supply line; and
- an output terminal coupled to a P-type substrate.

2. (original) The switch of Claim 1, wherein said switch is operable to electrically couple said P-type substrate to said ground when a bias voltage is present on said first N-well bias supply line.

3. (original) The switch of Claim 1, wherein said switch is operable to electrically couple said P-type substrate to said substrate bias supply line when a substrate bias voltage is present on said substrate bias supply line.

4. (original) The switch of Claim 1, further comprising a second control input coupled to a second N-well bias supply line.

5. (original) The switch of Claim 4, wherein said switch is operable to electrically couple said P-type substrate to said ground when a bias voltage is present on said second N-well bias supply line.

6. (original) The switch of Claim 4, wherein said switch is operable to electrically couple said P-type substrate to said substrate bias supply line when a substrate bias voltage is present on said substrate bias supply line.

7. (original) The switch of Claim 1, wherein said switch is operable to electrically couple said P-type substrate to said substrate bias supply line when a substrate bias voltage is present on said substrate bias supply line and there is no bias voltage present on said N-well bias line.

8. (original) The switch of Claim 1, wherein said switch is operable to electrically couple said P-type substrate to said ground when a substrate bias voltage is present on said substrate bias supply line and there is no bias voltage present on said N-well bias line.

Claims 9-20 (canceled) (restriction)